EAST Search History

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L19	1	"6322507".pn.	US-PGPUB; USPAT	OR	ON	2009/03/30 13:35
L20	4	("6322507" "5301674" "7396332" "4534221").pn.	US-PGPUB; USPAT	OR	ON	2009/03/30 13:56
L21	26797	eck or ekg or electrocardiogra\$3 or electro?cardiogra\$3 or electro?cardio?gra\$3 or electro?cardio?gra\$3	US-PGPUB; USPAT	OR	ON	2009/03/30 13:57
L22	0	20 and 21	US-PGPUB; USPAT	OR	ON	2009/03/30 13:57
L23	261859	heart or cardia? or R?wave or Rwave or QRS	US-PGPUB; USPAT	OR	ON	2009/03/30 13:58
L24	2	20 and 23	US-PGPUB; USPAT	OR	ON	2009/03/30 13:58
L25	244279	ultrasound or ultrasonic or ultrasonically	US-PGPUB; USPAT	OR	ON	2009/03/30 13:59
L26	4821	21 and 23 and 25	US-PGPUB; USPAT	OR	ON	2009/03/30 13:59
L27	1845	21 with (gat\$3 or sync or synchroniz\$3 or synchronization or correlat \$3)	US-PGPUB; USPAT	OR	ON	2009/03/30 14:00
L28	766	26 and 27	US-PGPUB; USPAT	OR	ON	2009/03/30 14:00
L29	8765	600/437-471.cds.	US-PGPUB; USPAT	OR	ON	2009/03/30 14:00
L30	188	28 and 29	US-PGPUB; USPAT	OR	ON	2009/03/30 14:00
L31	592	600/466-470.cds.	US-PGPUB; USPAT	OR	ON	2009/03/30 14:01
L32	13	28 and 31	US-PGPUB; USPAT	OR	ON	2009/03/30 14:01
L33	7	("6322507" "5301674" "7396332" "4534221" "20010020126" "6095976" "20040039286").pn.	US-PGPUB; USPAT	OR	ON	2009/03/30 14:24
L34	534769	resolution	US-PGPUB; USPAT	OR	ON	2009/03/30 14:24
L35	6	33 and 34	US-PGPUB; USPAT	OR	ON	2009/03/30 14:24
L36	54646	first adj image	US-PGPUB; USPAT	OR	ON	2009/03/30 14:35
L37	45078	second adj image	US-PGPUB; USPAT	OR	ON	2009/03/30 14:35

L38	10661	(compar\$3 or comparison) near3 34	US-PGPUB; USPAT	OR	ON	2009/03/30 14:35
L39	16	36 with 37 with 38	US-PGPUB; USPAT	OR	ON	2009/03/30 14:35
L40	4	25 and 39	US-PGPUB; USPAT	OR	ON	2009/03/30 14:35
L41	29222	(compar\$3 or comparison or better or worse or (lower near1 quality)) near3 34	US-PGPUB; USPAT	OR	ON	2009/03/30 15:17
L42	50	36 same 37 same 41	US-PGPUB; USPAT	OR	ON	2009/03/30 15:18
L43	128701	first near3 frequency	US-PGPUB; USPAT	OR	ON	2009/03/30 15:27
L44	290589	(second or higher or lower) near3 frequency	US-PGPUB; USPAT	OR	ON	2009/03/30 15:28
L45	170280	frequency near3 (transmit or transmission or transmitt \$3)	US-PGPUB; USPAT	OR	ON	2009/03/30 15:28
L46	3195	first adj resolution	US-PGPUB; USPAT	OR	ON	2009/03/30 15:28
L47	36518	(second or better or worse or lower or greater) adj resolution	US-PGPUB; USPAT	OR	ON	2009/03/30 15:29
L48	1105	44 same 47	US-PGPUB; USPAT	OR	ON	2009/03/30 15:29
L50	821	43 with 34	US-PGPUB; USPAT	OR	ON	2009/03/30 15:29
L51	47	48 same 50	US-PGPUB; USPAT	OR	ON	2009/03/30 15:29
L52	5	25 and 51	US-PGPUB; USPAT	OR	ON	2009/03/30 15:30
L55	4529	((optimal or best or better or optimiz\$3 or optimization) with resolution) same frequency	US-PGPUB; USPAT	OR	ON	2009/03/30 15:31
L56	285	38 and 55	US-PGPUB; USPAT	OR	ON	2009/03/30 15:31
L57	54	25 and 56	US-PGPUB; USPAT	OR	ON	2009/03/30 15:32
L58	66	382/148.ccls.	US-PGPUB; USPAT	OR	ON	2009/03/30 15:48
L59	856	382/299.ccls.	US-PGPUB; USPAT	OR	ON	2009/03/30 15:48
L60	857	73/602.ccls.	US-PGPUB; USPAT	OR	ON	2009/03/30 15:49
L61	1776	58 59 60	US-PGPUB; USPAT	OR	ON	2009/03/30 15:49
L62	744	25 and 61	US-PGPUB; USPAT	OR	ON	2009/03/30 15:49

L63	44	41 and 62	US-PGPUB; USPAT	OR	ON	2009/03/30 15:50
L64	1	"5301674".pn.	US-PGPUB; USPAT	OR	ON	2009/03/30 16:18
L65	1	resolut\$3 and 64	US-PGPUB; USPAT	OR	ON	2009/03/30 16:18
L66	49141	fine adj tun\$3	US-PGPUB; USPAT	OR	ON	2009/03/30 16:27
L67	675737	resolution or 45	US-PGPUB; USPAT	OR	ON	2009/03/30 16:27
L68	575	66 with 67	US-PGPUB; USPAT	OR	ON	2009/03/30 16:28
L69	59	41 and 68	US-PGPUB; USPAT	OR	ON	2009/03/30 16:28
S139	240141	ultrasound or ultrasonic or ultrasonically	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/03 16:24
S140	40194	depth with imag\$3	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/03 16:24
S141	21297	depth with frequency	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/03 16:24
S142	1188	S139 and S140 and S141	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/03 16:24
S143	242	catheter and S142	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/03 16:24
S144	8511	600/437-472.cds.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/03 16:24
S145	113	S143 and S144	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/03 16:24
S146	1	"7396332".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/03 16:57
S147	30	("377924" "4276401" "4897565" "4776230" "4860758" "4870972" "48616751" "4863782" "5060653" "518346" "5268307" "5284148" "5351693" "5580007" "5410205" "5423319" "5438554" "5460555" "5443616" "560257" "56336162" "6604269" "5673439" "6333476" "6361500" "6457365" "65658331" "6719700" "6780157" "6958400") "FN OR ("7368322") URPN OR	US-PGPUB; USPAT; USOOR	OR	ON	2008/11/03 17:46
S148	4	("6358208" "4534221" "4442713" "5361767").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 16:57
S149	524165	resolution	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:08
S150	187528	first near3 image	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:08

S151	154852	second near3 image	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:08
S152	240299	ultrasound or ultrasonic or ultrasonically	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:08
S153	102357	catheter	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:08
S154	2622629	compar\$3	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:09
S155	375	S149 same S150 same S151 same S154	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:09
S156	26	S152 and S155	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:09
S157	2	S153 and S156	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:09
S158	31762	ekg or ecg or electrocardiogra\$3	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:10
S159	6	S158 and S156	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:10
S160	195587	first near3 (image or resolution)	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:12
S161	164870	second near3 (image or resolution)	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:12
S162	1490163	frequency	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:12
S163	3093	(S160 with S161) same S162	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:12
S164	68	S158 same S150 same S151	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:13
S165	3	S163 and S164	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:13
S166	19	S163 and S158 and S152	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:15
S167	9654	S153 same S152	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:17
S168	86082	S160 same S161	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:18
S169	275	S167 and S168	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:18
S170	1121328	(optimal or optimiz\$3 or optimization)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2008/11/05 18:18
S172	37781	S170 with S162	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:18
S173	22	S172 and S169	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:19
S174	0	("2005/0240103").URPN.	USPAT	OR	ON	2008/11/05 18:22

S175	110	("20030045796" "20030158483"	USPAT	OR	ON	2008/11/05 18:23
	-	"4161121" "4241610"			1	
		"4442713" "4462408"				
		"4519260" "4534221"				
		"4576177" "4605009"				
	1	"4841977" "4890268"				
		"4917097" "4951677"				
		"5002059" "5090956"				
		"5105819" "5152294"				
		"5158087" "5170793"				
		"5195968" "5254088"				
		"5279559" "5307816"				
		"5309914" "5325860"				
		"5336182" "5345938"				
		"5345940" "5357550"				
		"5358478" "5361767"				
		"5364351" "5372138"				
		"5385148" "5395327" "5438997" "5456258"	1		***	
		"5456664" "5499630"			*	
		"5515853" "5515856"				
		"5531686" "5560362"				
		"5588432" "5622174"				
		"5662116" "5697965"				
		"5699805" "5701897"				
		"5704361" "5713363"				
		"5715817" "5722403"				
		"5749364" "5788636"				
		"5795299" "5797848"				
		"5800356" "5807324"				
		"5846205" "5888577"				
		"5891088" "5906579"				
		"5916168" "5921978"			-	
		"5928276" "5931863"				
	-	"5935102" "5938616"			*	
		"5954654" "6013072" "6033378" "6039693"				
		"6085117" "6144870"				
		"6171248" "6173205"				
		"6190353" "6210333"				
		"6224556" "6228028"			***	
		"6228032" "6261246"			***	
		"6306096" "6306097"			1	
		"6310828" "6358208"				
		"6360027" "6368275"				
		"6385489" "6398731"			*****	
		"6423002" "6440488"	1			
		"6443894" "6475148"			***	
		"6475149" "6482161"				
		"6485455" "6491633"				
		"6503202" "6517488"				
		"6527717" "6532378"				
		"6554770" "6589182"				
		"6605043" "6607488"	1			
		"6612992" "6645147"				
		"6648875" "6709396"). PN				***************************************
S176	0	(S154 same S160 same	USPAT	OR	ON	2008/11/05
3170	Į.	S161) and S175	OSFAI	ĮON	§OIV	18:23

S177	35	S154 and S175	USPAT	OR	ON	2008/11/05 18:23
S178	57814	(better or higher or greater) with resolution	USPAT	OR	ON	2008/11/05 18:24
S179	13	S175 and S178	USPAT	OR	ON	2008/11/05 18:24
S180	43012	(optimal or optimiz\$3 or optimization) with frequency	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/05 18:27
S181	5	S178 same S180 same S154	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:28
S182	54794	(optimal or optimiz\$3 or optimization) with (frequency or resolution)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2008/11/05 18:30
S183	193	(S150 same S151 same S154) and S182	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:30
S184	8	(S150 same S151 same S154) same S182	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:31
S185	3	S158 and S152 and S183	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 18:33
S186	258854	(oscillat\$3 or scan or scanning or scanned) with frequency	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 19:26
S189	42126	(optimal or optimiz\$3 or optimization or best) same resolution	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2008/11/05 19:28
S190	137	S152 and S153 and S186 and S189	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 19:28
S191	54	S158 and S190	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 19:29
S192	1	"7396332".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 19:38
S193	30	("3779234" "4276491" "4897595" "4778230" "48967785" "4778230" "4891677" "4983782" "5060653" "5163436" "5269307" "5284148" "5351693" "5360007" "5410205" "5423319" "5438564" "5460595" "5464016" "5825117" "5938612" "6004269" 6074349" "6233476" "6361500" "6457365" "65569331" 67719700" "6780157" "695800") "N. OR ("7968322") URPN. OR	US-PGPUB; USPAT; USOOR	OR	ON	2008/11/05 19:38

S194	30	("5842014" "3779234" "8817089" "4671295" "4757821" "4871297" "4850363" "5078148" "5400788" "5479828" "547988" "5479828" "5620479" "5655537" "5704361" "5720287" "5724978" "5840969" "6102865" "6131458" "6224555"), PN, OR ("6361500"), UFFN,	US-PGPUB; USPAT; USOCR	OR		2008/11/05 19:41
S195	45468	depth same frequency	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/08 18:53
S196	54870	(optimal or optimiz\$3 or optimization) with (frequency or resolution)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2008/11/08 18:54
S198	3344	S195 and S196	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/08 18:54
S199	240618	ultrasound or ultrasonic or ultrasonically	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/08 18:54
\$200	864	S198 and S199	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/08 18:54
S201	59331	"382"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/08 18:55
S202	20	S200 and S201	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/08 18:55
S203	3197649	compar\$3 or comparison or comparator or correlat\$3	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/08 19:01
S204	34483	S203 with resolution	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/08 19:01
S205	3026	S199 and S204	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/08 19:01
S206	508	(automat\$2 or automatically or auto) with (selex\$3 or selective\$2 or determin\$3 or calculat\$3 or choose or choosing or compute or computing or compute or computation) with (frequency or hertz or hz) with (depth or distance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	NON CONTRACTOR OF THE PROPERTY	2008/11/08 19:03
S207	41	S204 and S206	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/08 19:03
S208	19	S199 and S207	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/08 19:04
S209	5	("6104673" "6352510" "20020050169" "20030055337" "6612987"). pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/08 19:06

S210	5	("3934577" "5198713" "5313947" "5603324" "6104670").PN. OR ("6612987").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/08 19:09
S211	3	("6358208" "4534221" "442713" "5361767").pn.	US-PGPUB; USPAT	OR	ON	2009/03/29 13:55
S212	4	("6358208" "4534221" "4442713" "5361767").pn.	US-PGPUB; USPAT	OR	ON	2009/03/29 13:56
S213	65	("3815409" "3898840" "3924454" "4016750" "4016750" "4016750" "4016750" "415777" "4138985" "4155259" "4159269" "4159269" "4159269" "4241611" "4241611" "424611" "42907613" "4451123" "4447715" "4447715" "4447715" "44467740" "4458853" "4476760" "459853" "4476760" "459853" "4703055", N. O.R.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/29 14:27
S214	30	("3779234" "4276491" '4897955" "4726230" '48960758" '4870972" '48916777" '4895782" '5060653" '5163436" '5268307" '5264148" '5251693" '5260007" '5410205" '5460595" '5464016" '5460595" '5464016" '5525117" '5938912" '6004259" '6074349" '6233476" '8381500" '6457365" '8585331" '6719700" '6780157" '6958040" '6780157" '6958040"	US-PGPUB; USPAT; USOOR	OR	ON	2009/03/29 15:02
S215	1	"6053871".PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/29 15:36
S216	1	"5284148".PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/29 15:48
S217	29	("4532933" "4794931" "5000185" "5054492" "5078149" "5152291" "5170793").PN. OR ("5284148").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/29 15:48
S218	1	10/827520	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/29 16:00
S219	13799	transducer near3 array	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/29 16:01
S221	212664	frequency near2 range	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/29 16:01
S222	233	S219 with S221	US-PGPUB; USPAT	OR	ON	2009/03/29 16:01

S223	105509	catheter	US-PGPUB; USPAT	OR	ON	2009/03/29 16:01
S224	27	S222 and S223	US-PGPUB; USPAT	OR	ON	2009/03/29 16:02
S 225	32	(US-20040127790-\$ or US-20060058654-\$ or US-20060058672-\$ or US-20060058672-\$ or US-20070731882-\$ or US-20080269615-\$, , , , , , , , , , , , , , , , , , ,	US-PGPUB; USPAT; DEEWENT	OA	ON	2009/03/29
S226	1311734	increment\$3 or interval	US-PGPUB; USPAT	OR	ON	2009/03/29 17:39
S227	21	S225 and S226	US-PGPUB; USPAT	OR	ON	2009/03/29 17:39
S228	444565	increment\$3	US-PGPUB; USPAT	OR	ON	2009/03/29 17:39
S229	10	S225 and S228	US-PGPUB; USPAT	OR	ON	2009/03/29 17:39
S230	3	("4534221" "7396332" "5361767").pn.	US-PGPUB; USPAT	OR	ON	2009/03/29 19:41
S231	2	attenuat\$3 and \$230	US-PGPUB; USPAT	OR	ON	2009/03/29 19:41
S232	117976	attenuat\$3 with (signal or ultrasound or acoustic or receiv\$3 or reflect\$3)	US-PGPUB; USPAT	OR	ON	2009/03/29 19:49
S233	645116	(select\$3 or selective\$2 or determin\$3 or calculat\$3 or choose or choosing or compute or computing or computed or computation) with (depth or distance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/29 19:50
S234	591126	(optimal or optimiz\$3 or optimization or change or alter or increas\$3 or decreas\$3 or changing or altering) with frequency	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/29 19:51

S235	4090	S232 with S234	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2009/03/29 19:51
S236	432635	ultrasound or ultrasonic or ultrasonically	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/29 19:52
S237	540	S235 and S236	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2009/03/29 19:52
S238	255	depth and S237	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/29 19:52
S239	15830	(optimal or optimiz\$3 or optimization or change or alter or increas\$3 or decreas\$3 or changing or altering) with ((transmit or transmission) near3 frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/29 21:00
S240	122592	attenuat\$3 with (signal or ultrasound or acoustic or receiv\$3 or reflect\$3 or tissue)	US-PGPUB; USPAT	OR	ON	2009/03/29 21:01
S241	23066	[select\$3 or selective\$2 or determin\$3 or calculat\$3 or choose or choosing or compute or compute or computed or computed or computed or transmission) near3 frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/29 21:01
S242	46	\$239 same \$240 same \$241	US-PGPUB; USPAT	OR	ON	2009/03/29 21:02
S243	8	S236 and S242	US-PGPUB; USPAT	OR	ON	2009/03/29 21:02

3/30/2009 5:08:14 PM

C:\ Documents and Settings\ jkish\ My Documents\ EAST\ Workspaces\ 10827520.wsp